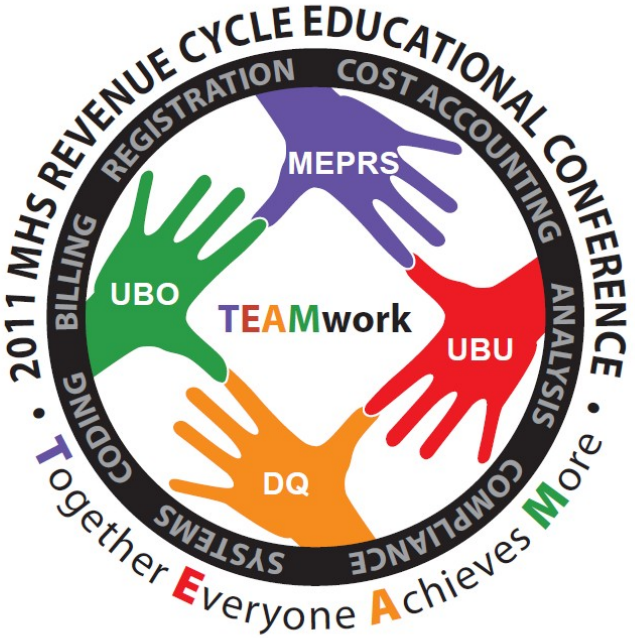
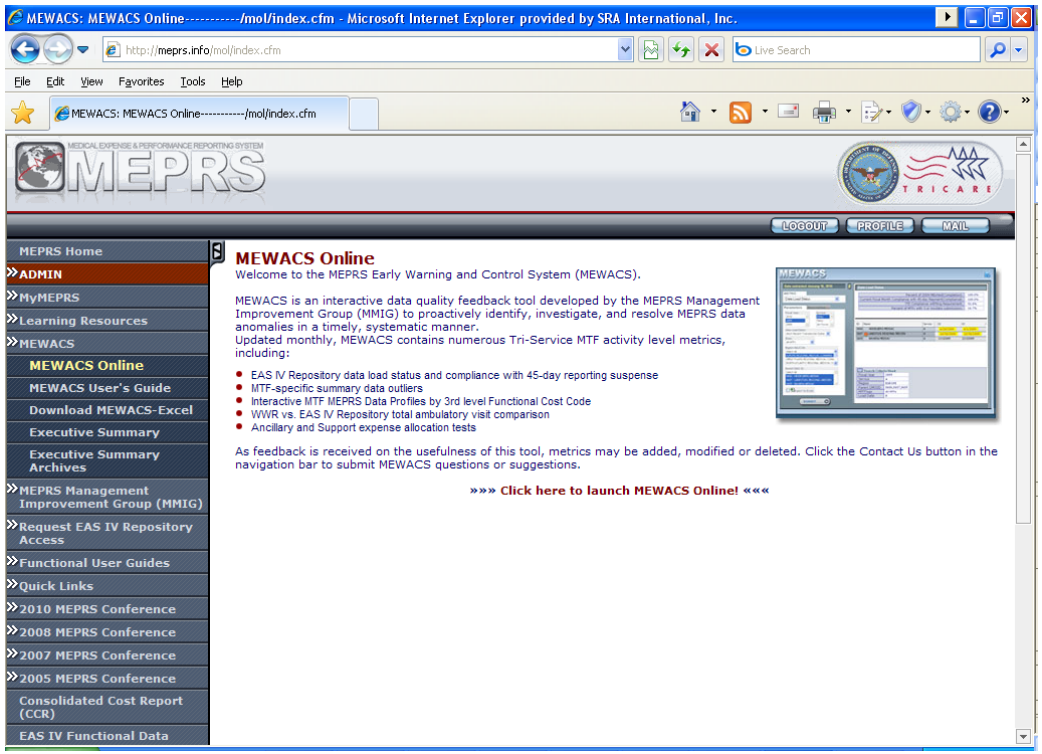


Title: **MEPRS Tools: MEPRS Early Warning & Control System (MEWACS)**

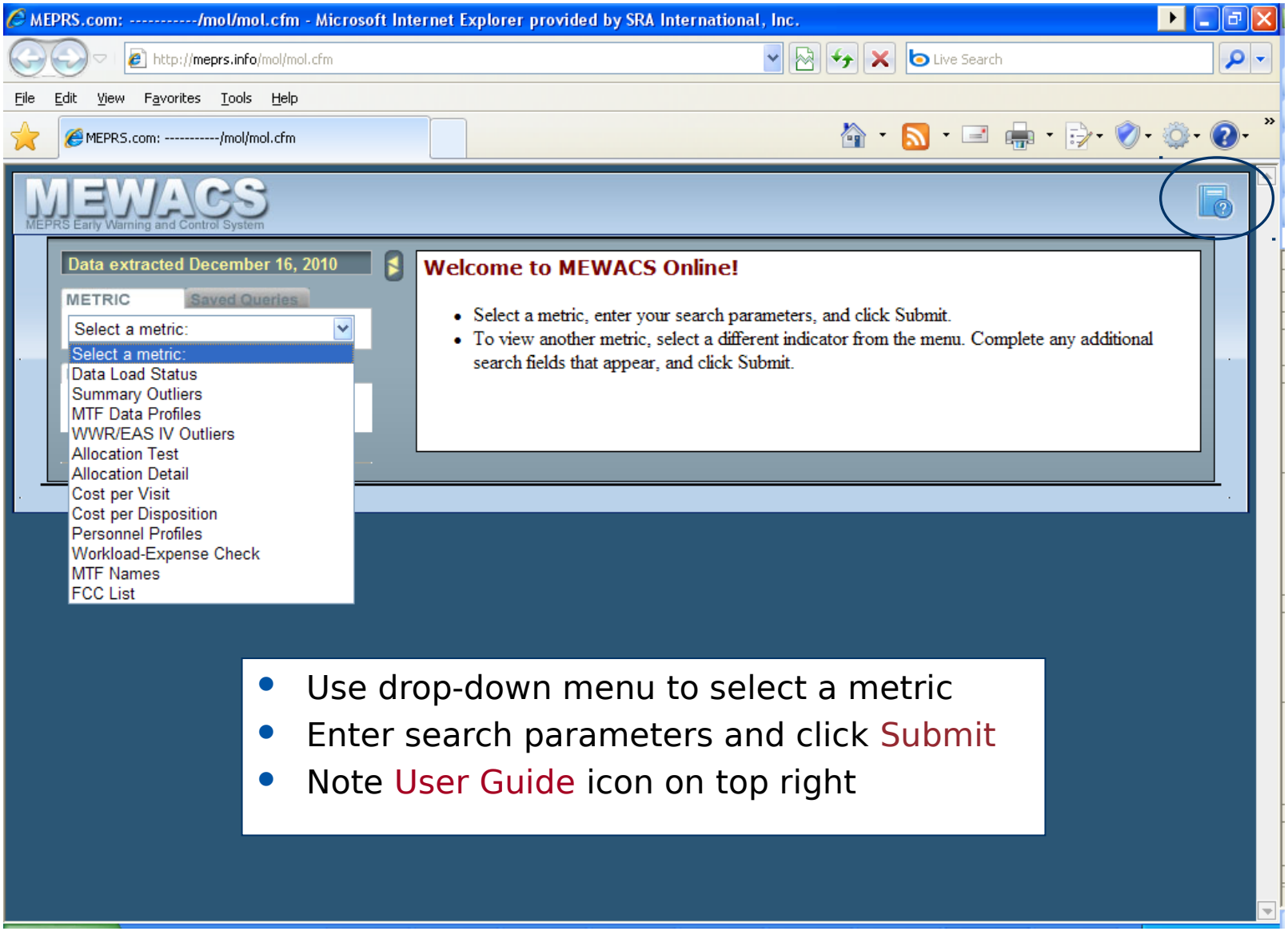
Session: **M-4-0900 / M-4-1430**

MEWACS Background

- Web application that identifies anomalies in MEPRS data transmitted to EAS IV Repository
- Launched as an Excel workbook in 2002 and migrated online the following year
- Updated monthly with EAS IV Repository data from current fiscal year and two prior fiscal years
- Access MEWACS at www.MEPRS.info

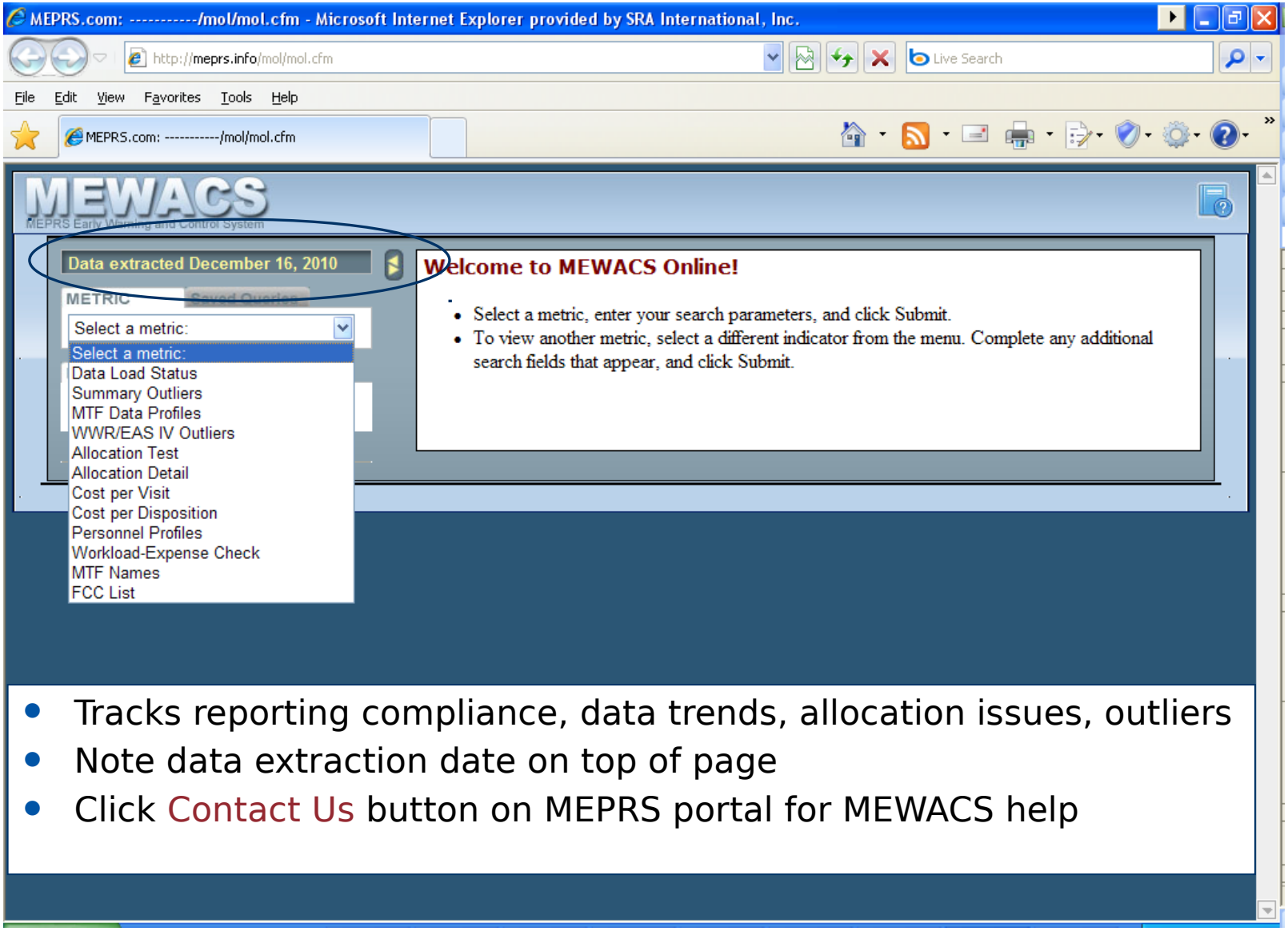


Getting Started



- Use drop-down menu to select a metric
- Enter search parameters and click Submit
- Note User Guide icon on top right

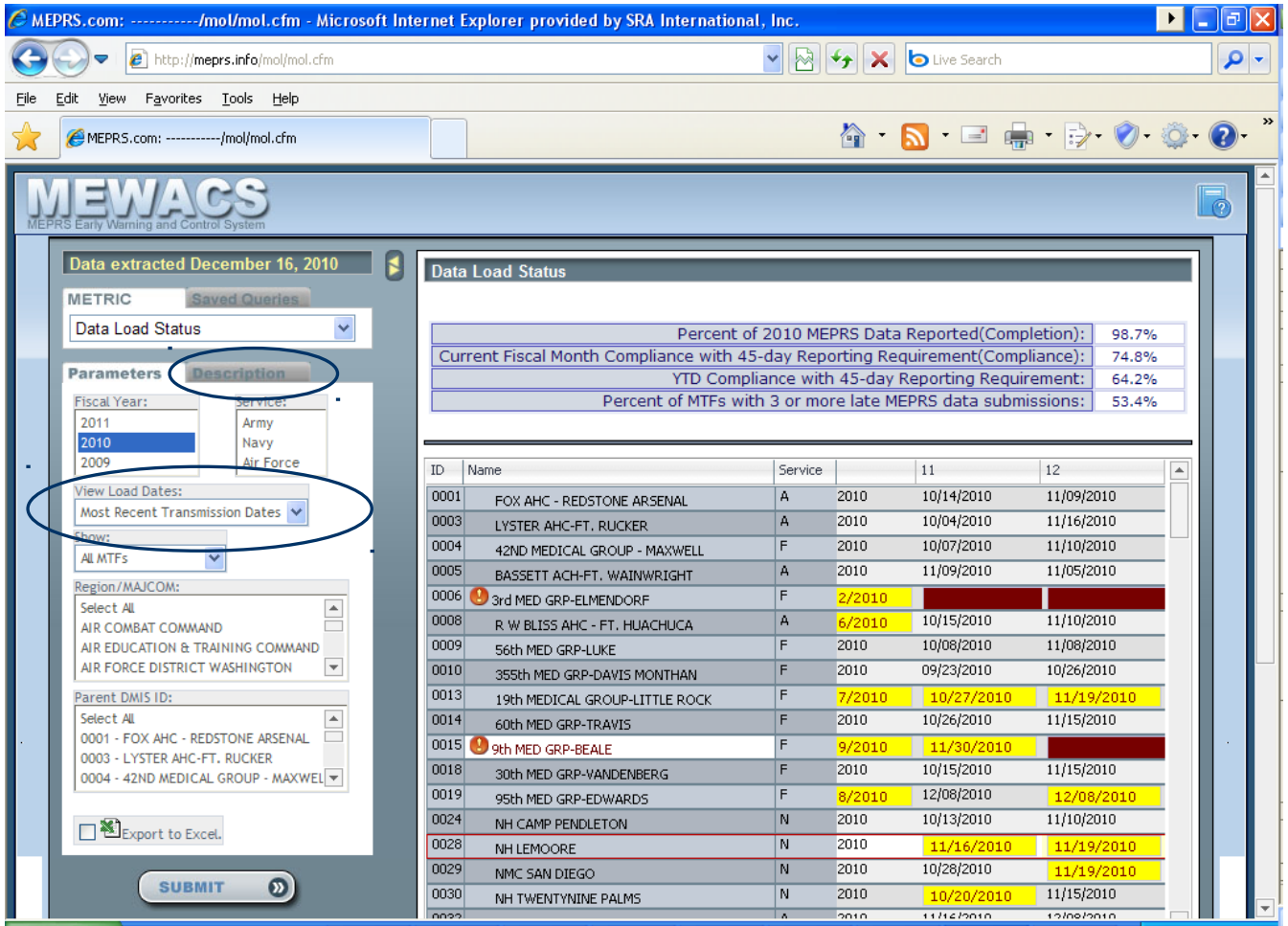
Getting Started



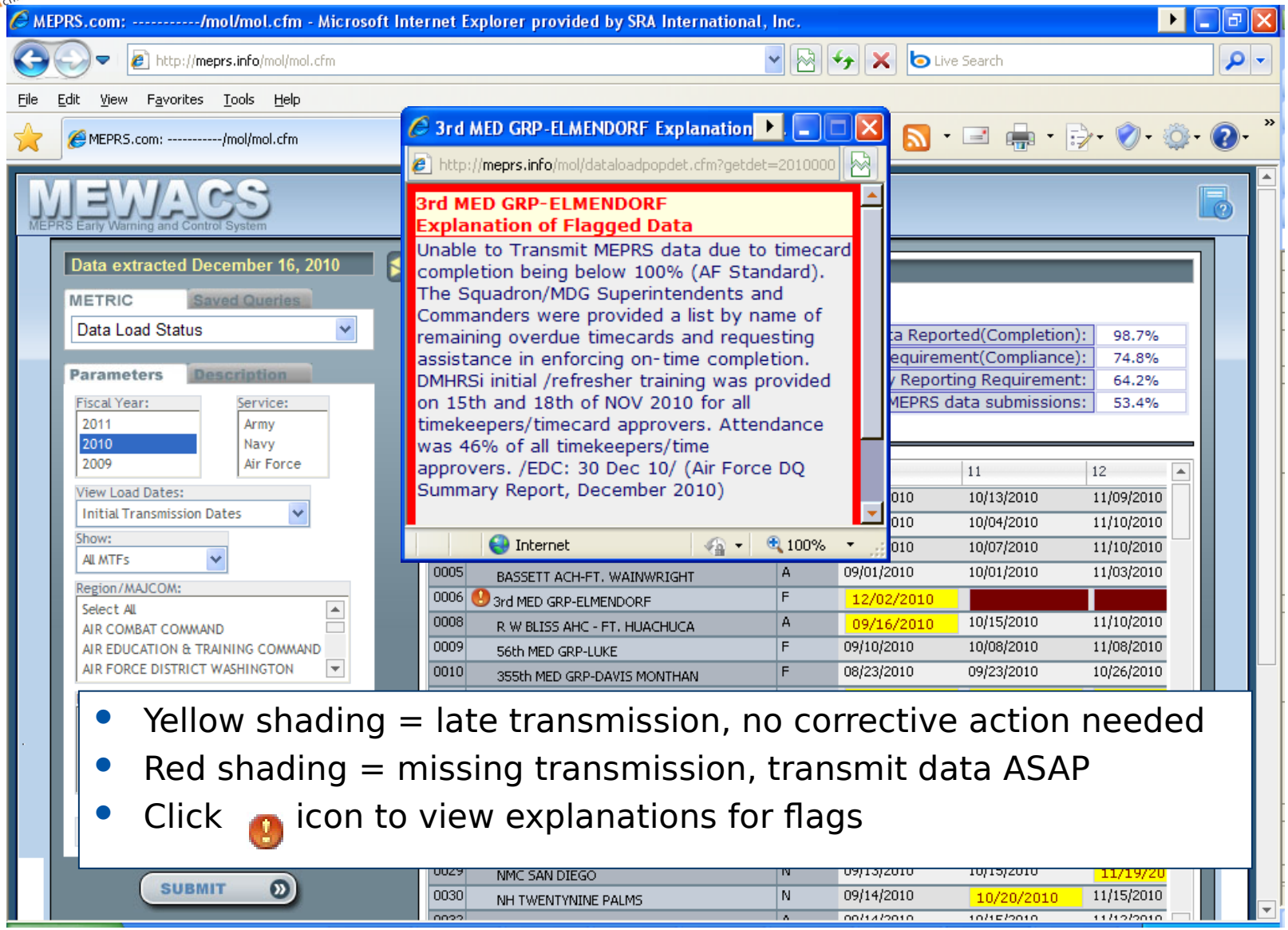
- Tracks reporting compliance, data trends, allocation issues, outliers
- Note data extraction date on top of page
- Click Contact Us button on MEPRS portal for MEWACS help

Data Load Status

- Tracks compliance with MEPRS reporting directives: MTFs must transmit MEPRS data to EAS IV Repository within 45 days from end of each month
- Click Description tab for metric details
- View Initial Transmission Dates or Most Recent Transmission Dates

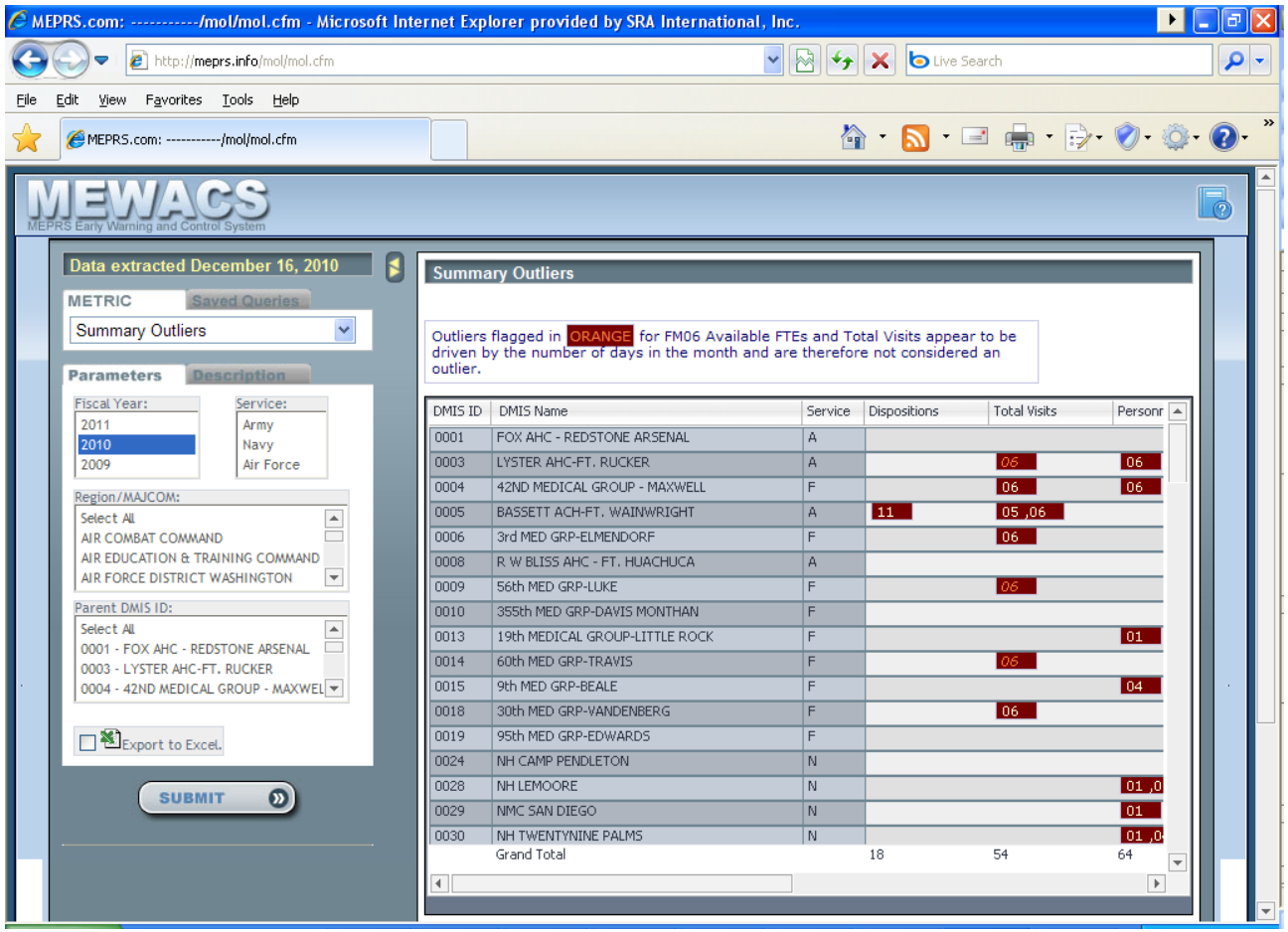


Data Load Status



- Yellow shading = late transmission, no corrective action needed
- Red shading = missing transmission, transmit data ASAP
- Click icon to view explanations for flags

Summary Outliers



- Flags data points that deviate notably from site trends
- Evaluates the following variables at Parent DMIS level:
  - Dispositions
  - Total Visits
  - Personnel Direct Expenses
  - Total Expenses
  - Available FTEs
  - Assigned FTEs
  - Occupied Bed Days
  - Dental Weighted Procedures
- Use to determine if any monthly data points for your site are unusually high or low, which can indicate a data processing error

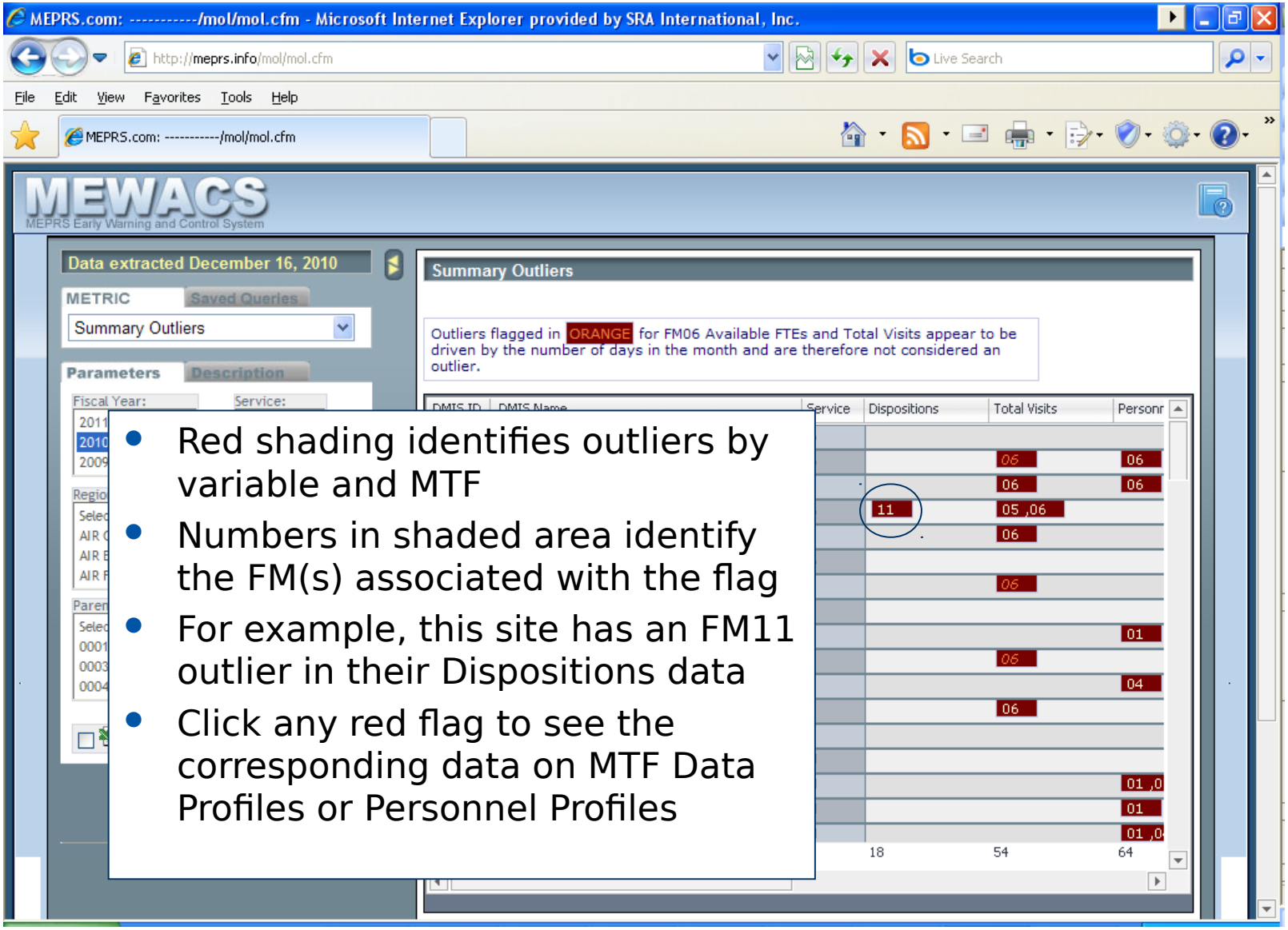
Summary Outliers

- Summary Outliers identifies MTFs with one or more data points that differ significantly from site historical averages. Variables are flagged in red if at least one monthly value is three standard deviations above or below the facility's historical average
- Historical averages are calculated using the 12 data points prior to the fiscal month (FM) being evaluated
- For example, the historical average for FM03 of FY10 would be computed using data from FM01 and FM02 of FY10 and FM03 through FM12 of FY09

HISTORICAL AVERAGE DATA POINTS

Data Type	2009-03	2009-04	2009-05	2009-06	2009-07	2009-08	2009-09	2009-10	2009-11	2009-12	2010-01	2010-02	2010-03
Dispositions	425	411	385	439	434	449	388	439	493	512	528	528	624

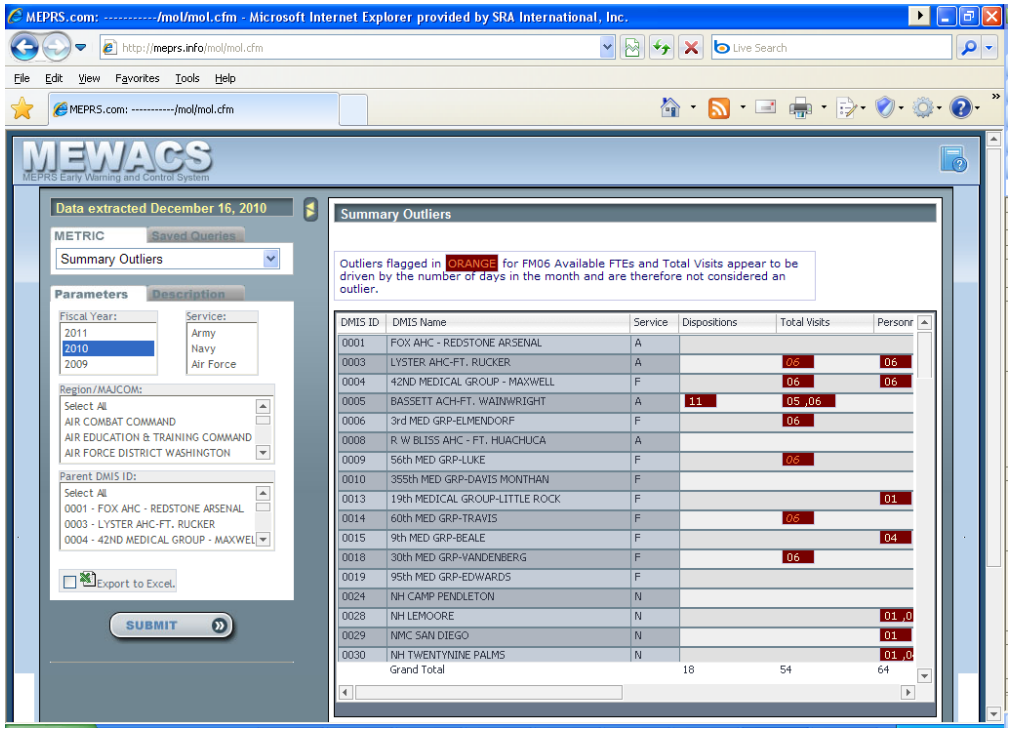
Summary Outliers



- Red shading identifies outliers by variable and MTF
- Numbers in shaded area identify the FM(s) associated with the flag
- For example, this site has an FM11 outlier in their Dispositions data
- Click any red flag to see the corresponding data on MTF Data Profiles or Personnel Profiles

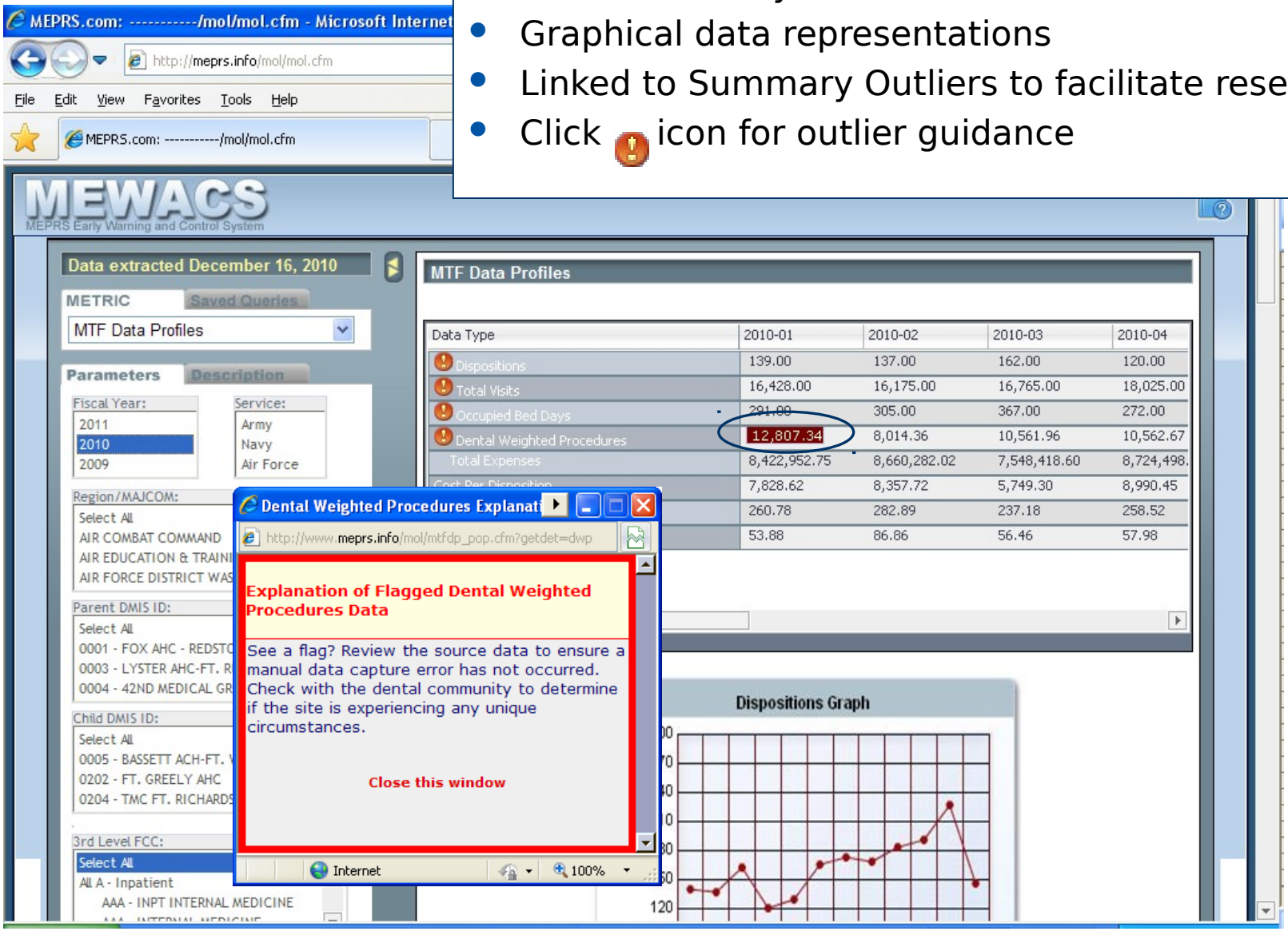
Summary Outliers

- See a flag? Research data point in question
- If a valid reason accounts for data point, no corrective action is needed. Note reason for flag on DQ report
- If data point is in error, correct and re-transmit to EAS IV Repository
- Red flags do not necessarily mean data are wrong!

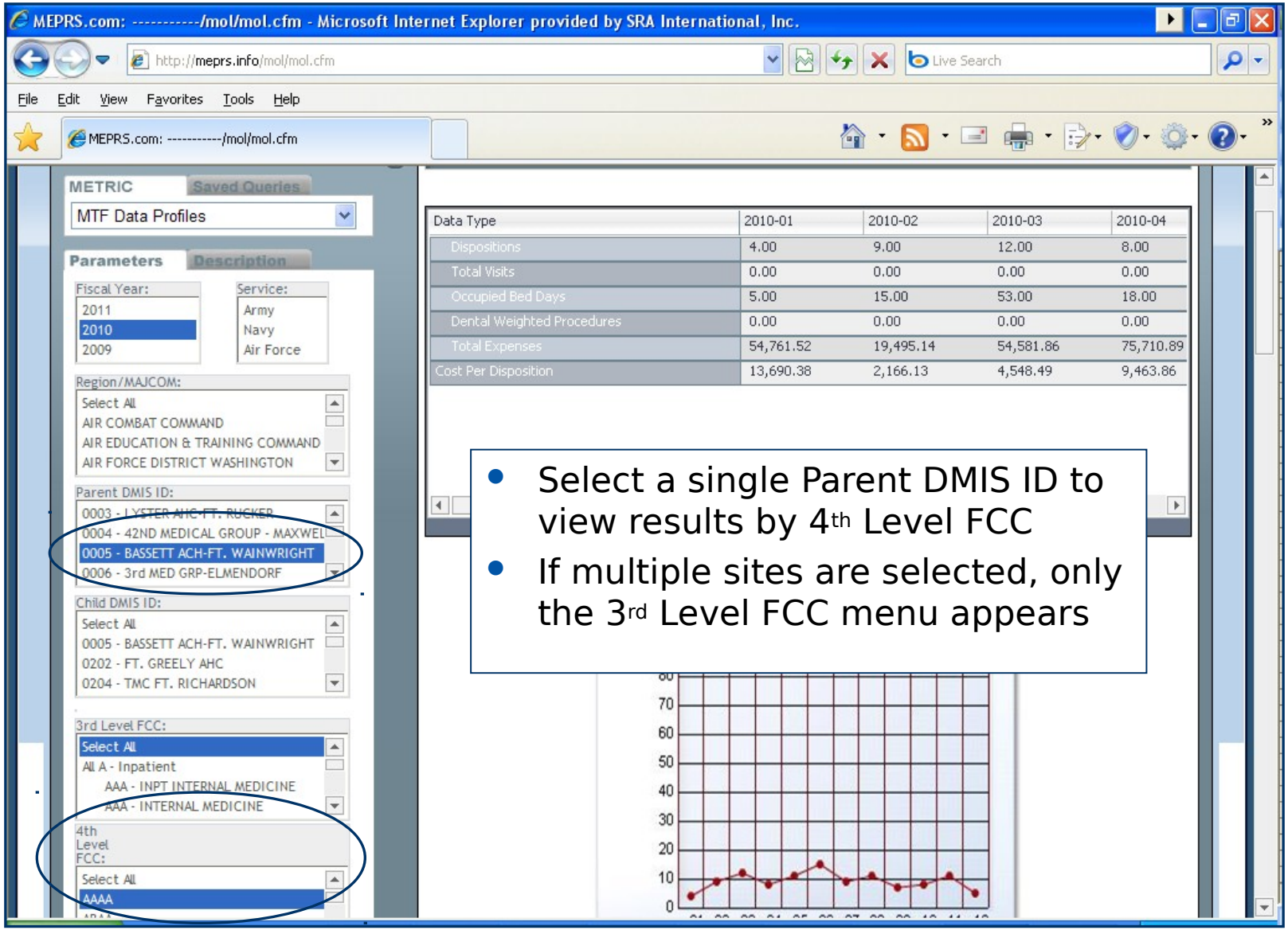


MTF Data Profiles

- Broad summary of selected workload and expenses
- Graphical data representations
- Linked to Summary Outliers to facilitate research
- Click icon for outlier guidance

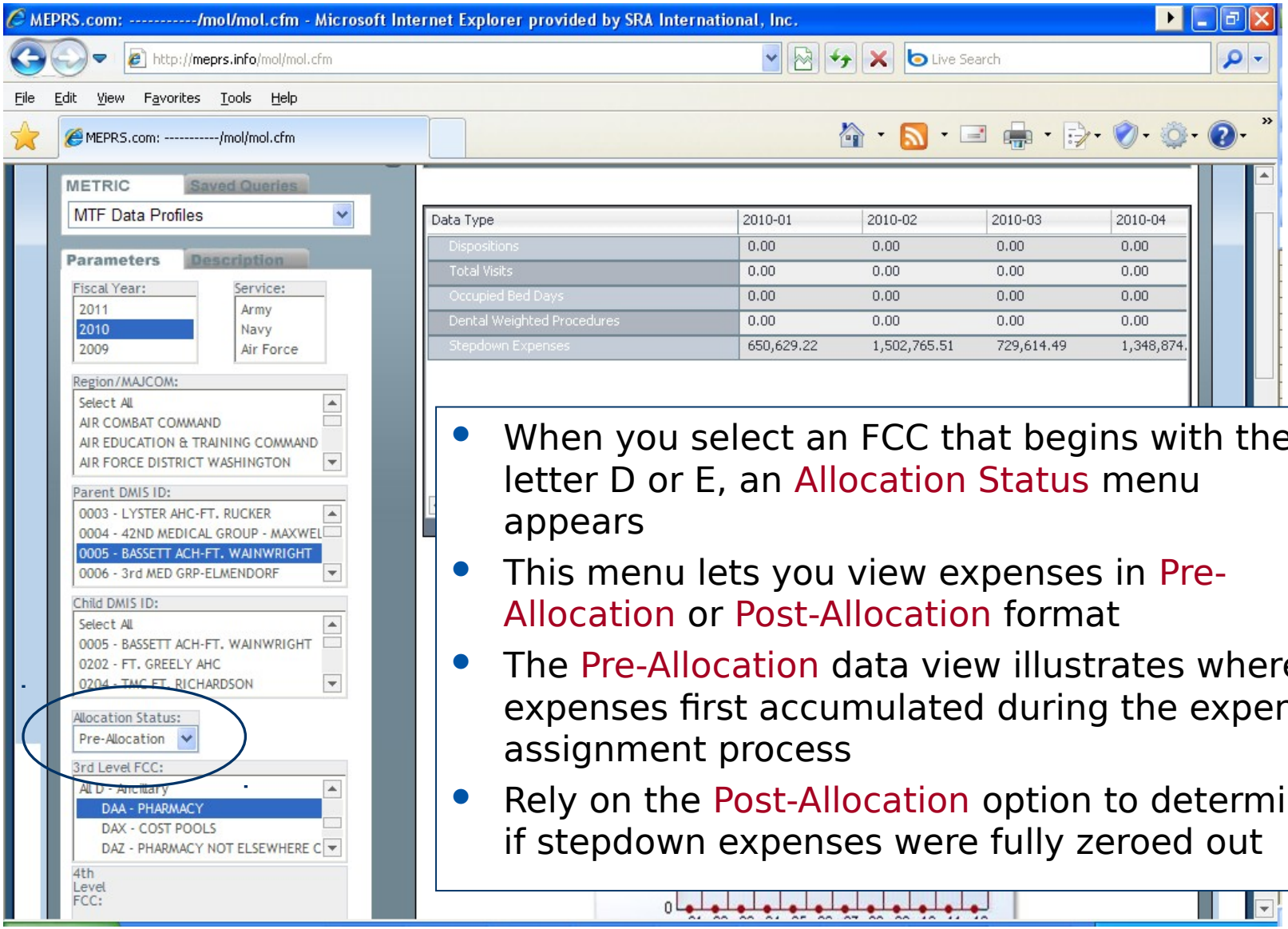


MTF Data Profiles



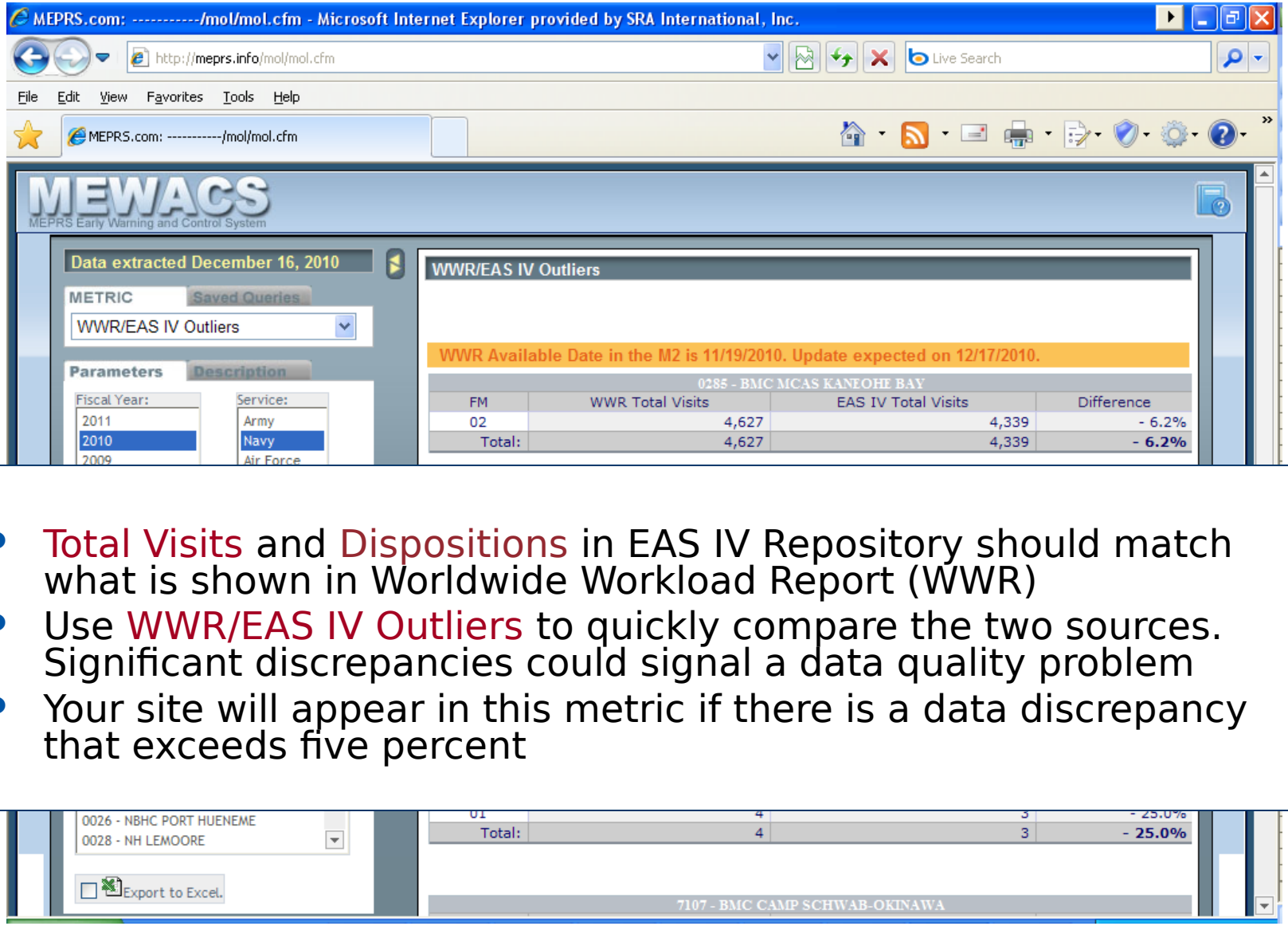
- Select a single Parent DMIS ID to view results by 4th Level FCC
- If multiple sites are selected, only the 3rd Level FCC menu appears

MTF Data Profiles



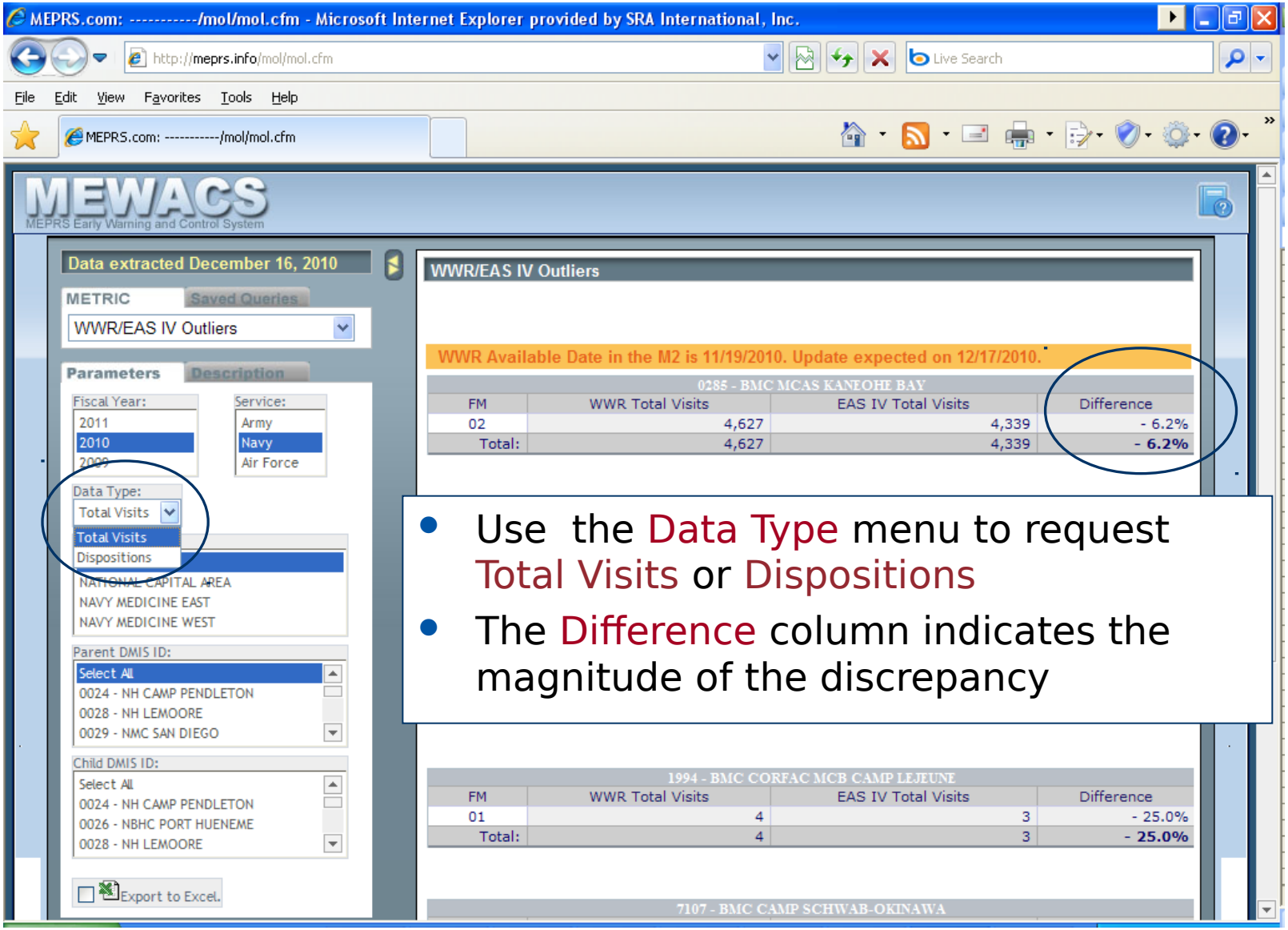
- When you select an FCC that begins with the letter D or E, an Allocation Status menu appears
- This menu lets you view expenses in Pre-Allocation or Post-Allocation format
- The Pre-Allocation data view illustrates where expenses first accumulated during the expense assignment process
- Rely on the Post-Allocation option to determine if stepdown expenses were fully zeroed out

WWR/EAS IV Outliers



- Total Visits and Dispositions in EAS IV Repository should match what is shown in Worldwide Workload Report (WWR)
- Use WWR/EAS IV Outliers to quickly compare the two sources. Significant discrepancies could signal a data quality problem
- Your site will appear in this metric if there is a data discrepancy that exceeds five percent

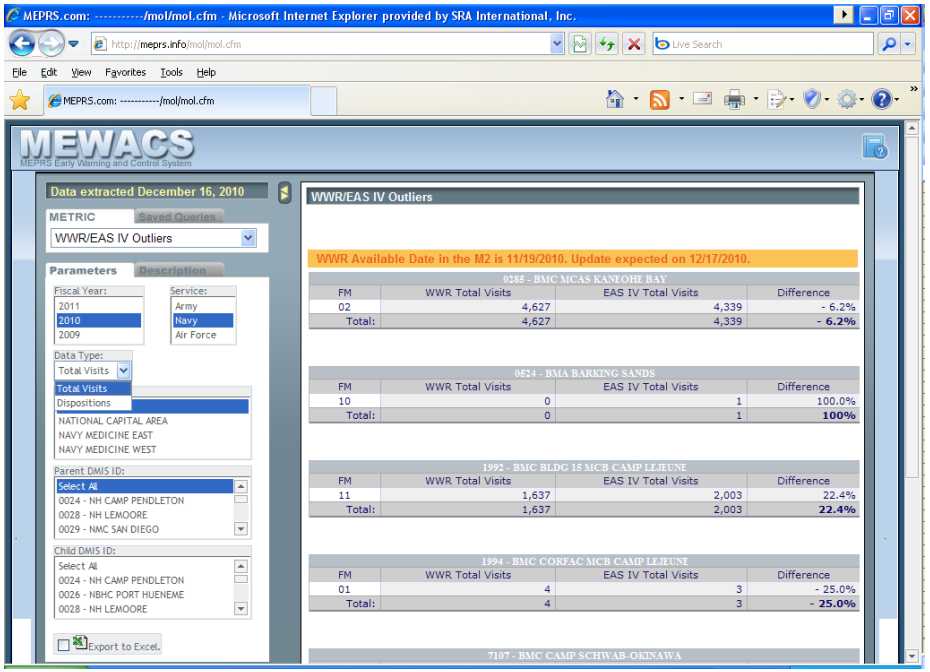
WWR/EAS IV Outliers



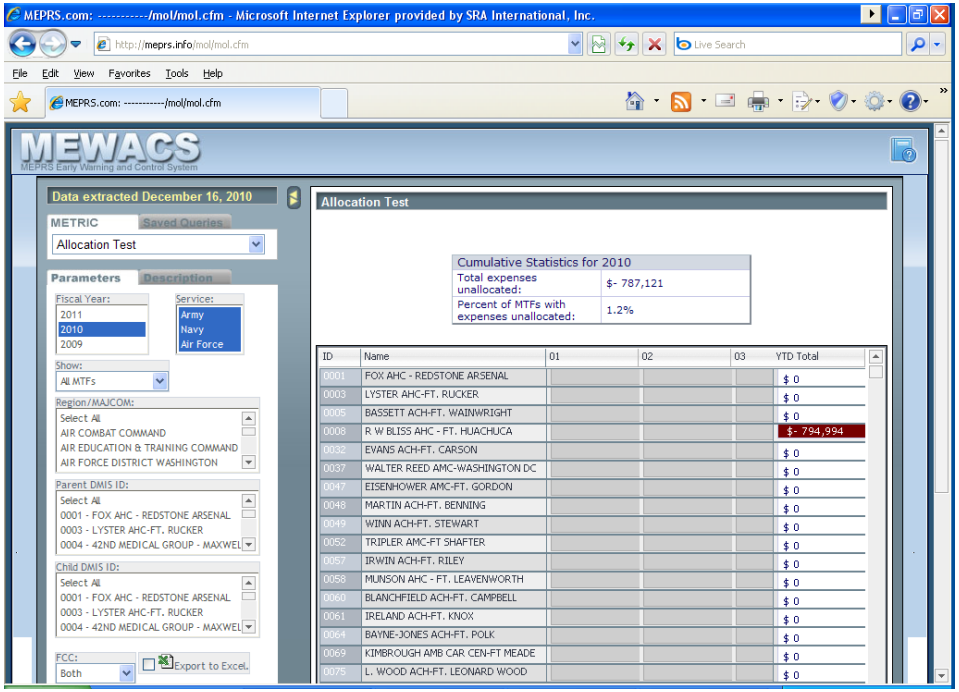
- Use the Data Type menu to request Total Visits or Dispositions
- The Difference column indicates the magnitude of the discrepancy

WWR/EAS IV Outliers

- Timing issues may account for some discrepancies that appear in this metric. WWR data are sometimes not loaded to the M2 until the 20th of each month, four days after the monthly MEWACS extraction occurs. In these instances, the WWR values used in the difference calculation are a month older than those from the EAS IV Repository
- Contact the MHS Help Desk at 1-800-600-9332 with any WWR questions

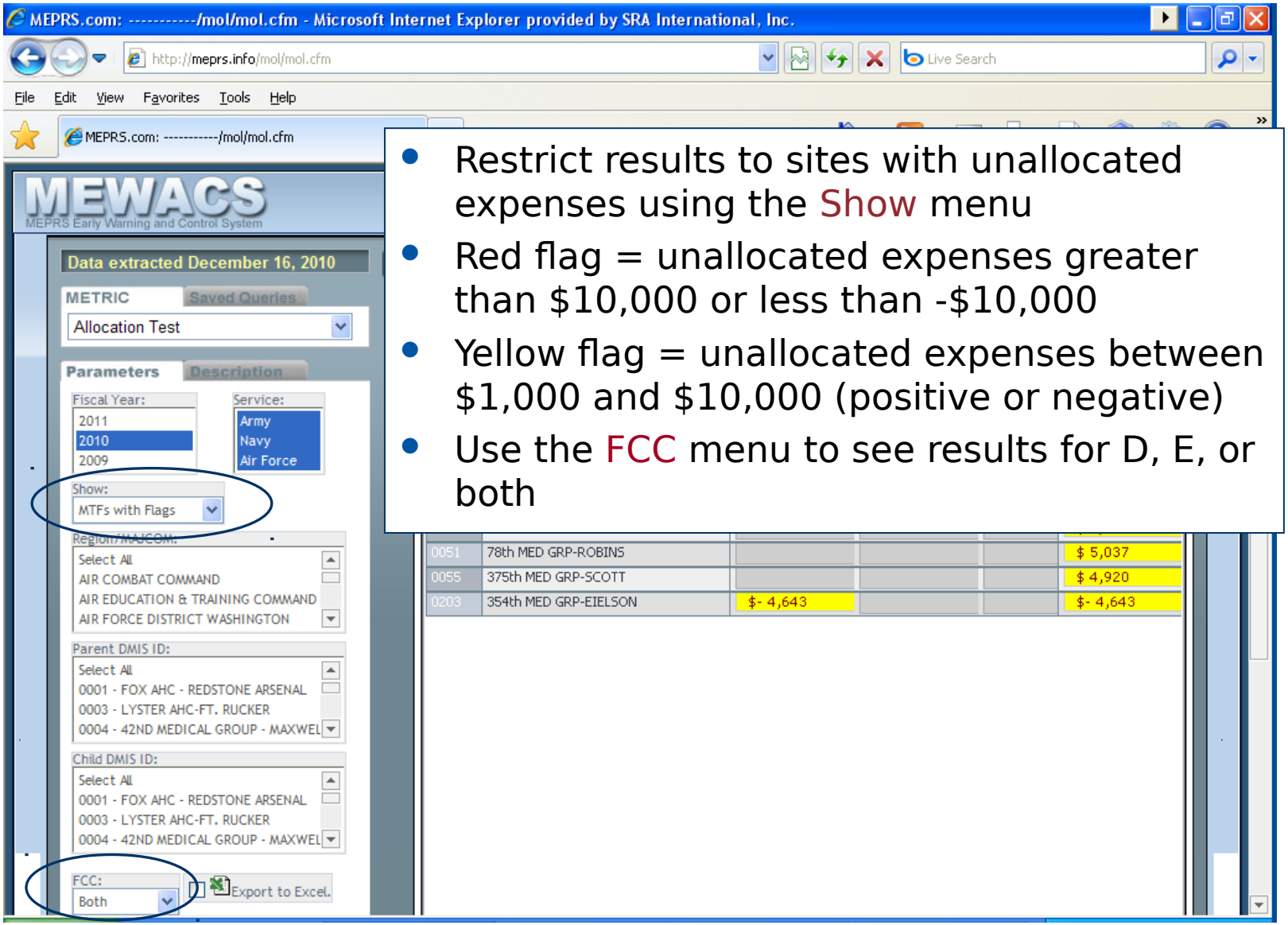


Allocation Test & Allocation Detail



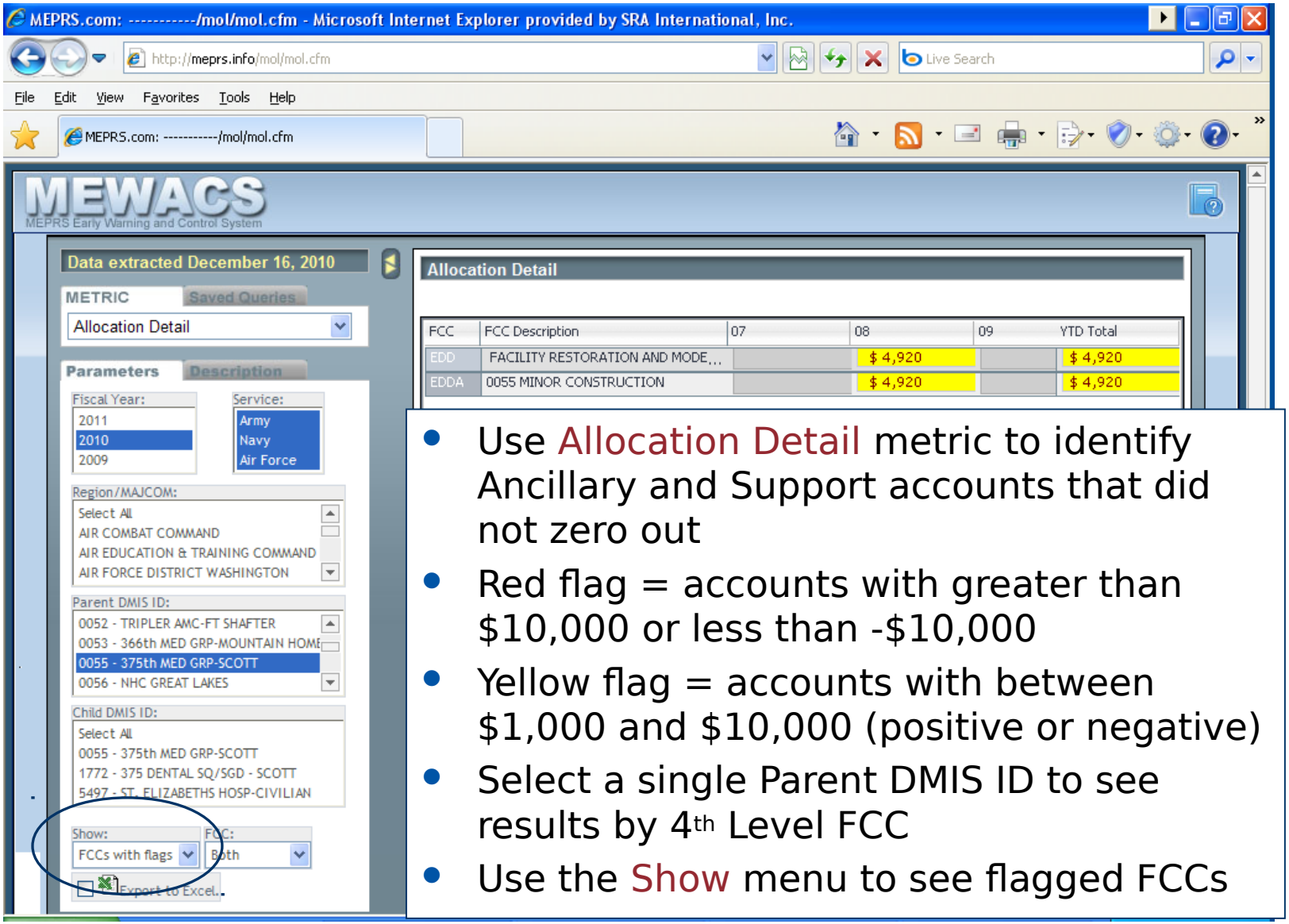
- Proper allocation is critical to MEPRS data integrity
- During the allocation process, expenses in the Ancillary (D) and Support (E) accounts are redistributed to the final operating accounts based on performance factors outlined in the DoD 6010.13-M
- Allocation is commonly known as stepdown. When done correctly, zero dollars should remain in the D and E accounts
- Use the Allocation Test metric to validate the stepdown process for your site

Allocation Test & Allocation Detail



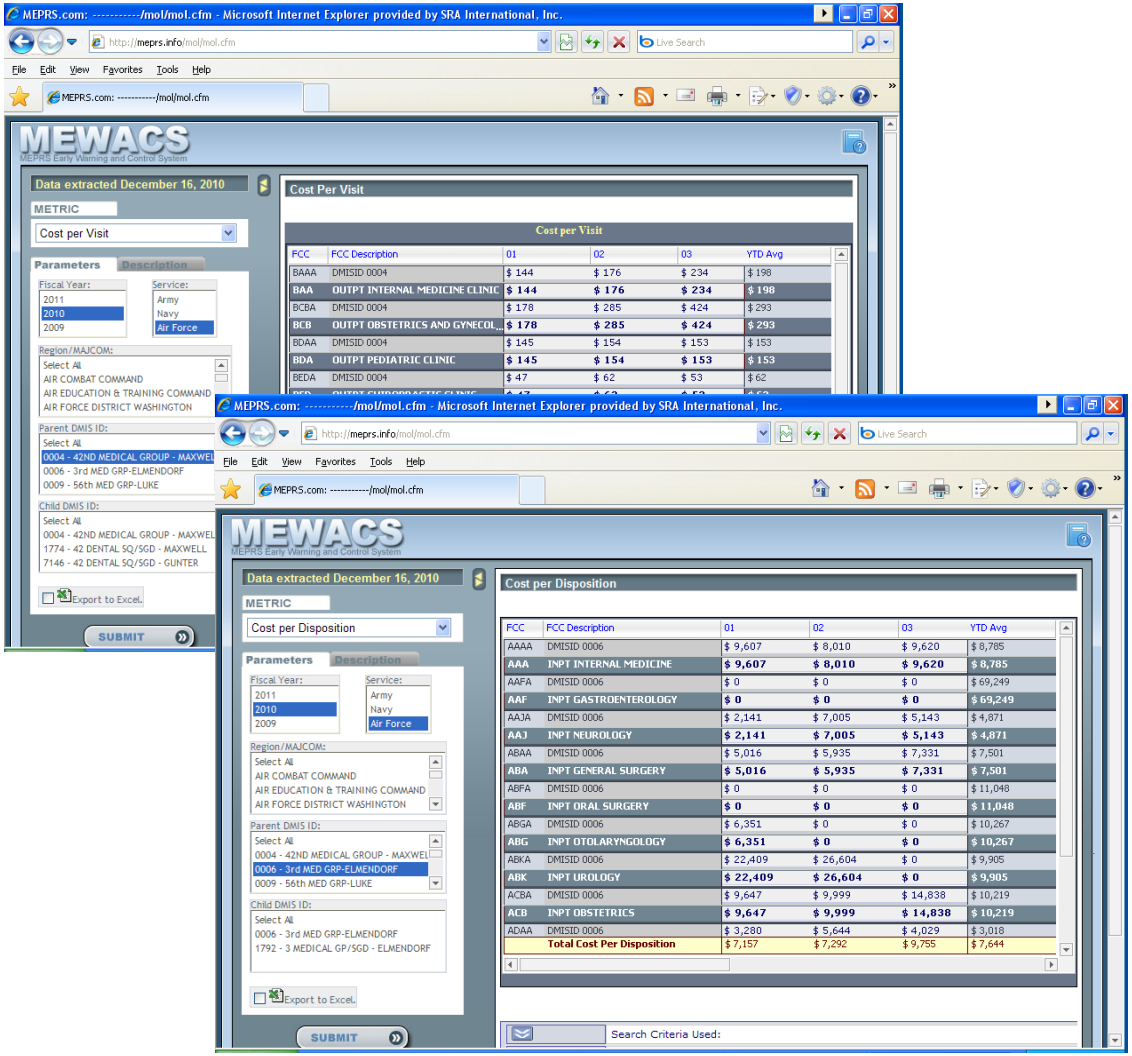
- Restrict results to sites with unallocated expenses using the Show menu
- Red flag = unallocated expenses greater than $10,000 or less than -$10,000
- Yellow flag = unallocated expenses between $1,000 and $10,000 (positive or negative)
- Use the FCC menu to see results for D, E, or both

Allocation Test & Allocation Detail



- Use Allocation Detail metric to identify Ancillary and Support accounts that did not zero out
- Red flag = accounts with greater than $10,000 or less than -$10,000
- Yellow flag = accounts with between $1,000 and $10,000 (positive or negative)
- Select a single Parent DMIS ID to see results by 4th Level FCC
- Use the Show menu to see flagged FCCs

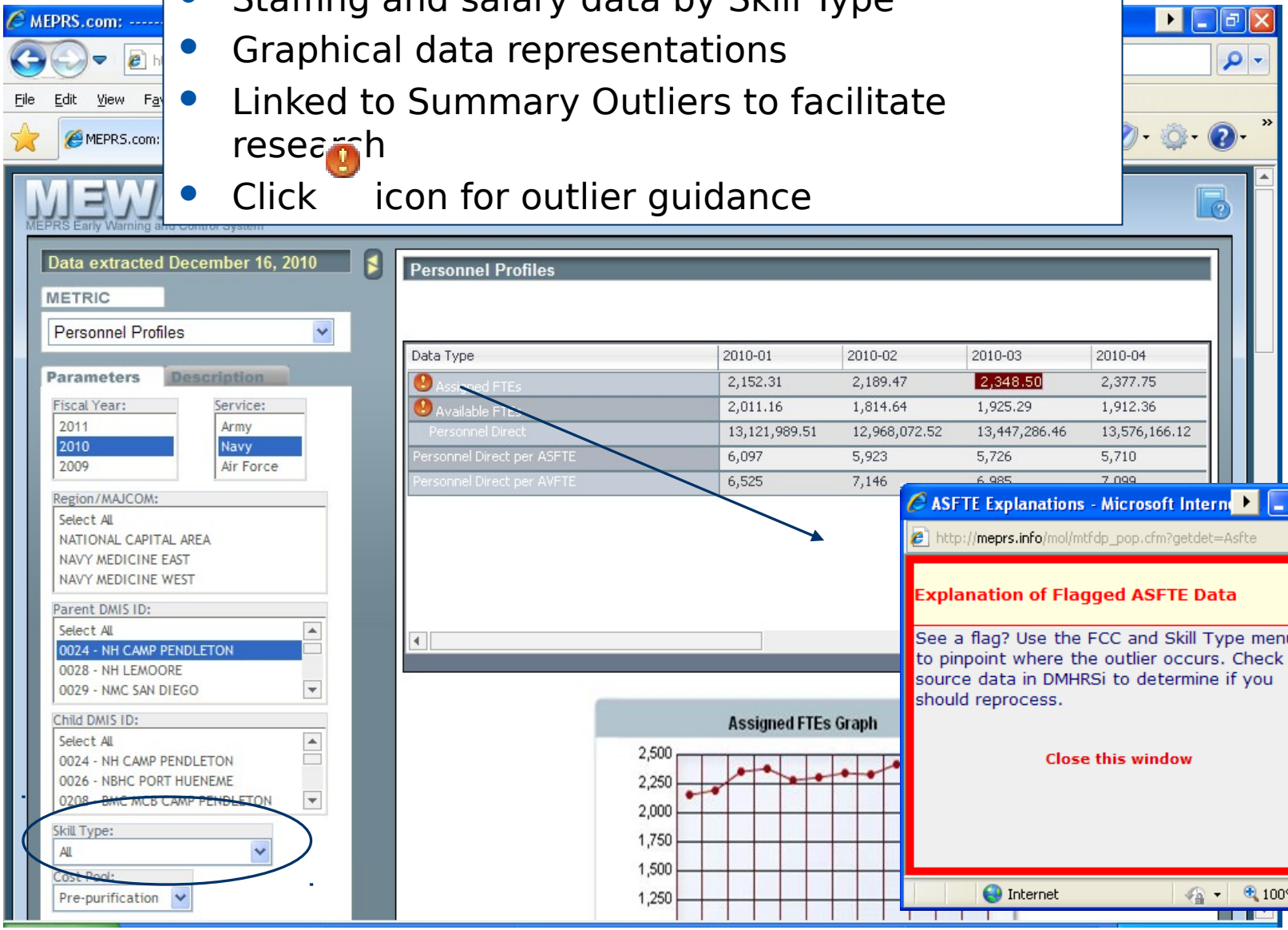
Cost per Visit & Cost per Disposition



- See Cost per Visit for outpatient work centers including FBN
- See Cost per Disposition for inpatient sites
- Select a single Parent DMIS ID to see results by 4th Level FCC
- Results display **$0** when workload or expenses are **0** or blank in EAS IV Repository
- **YTD Avg** gives cost per based on all transmitted data

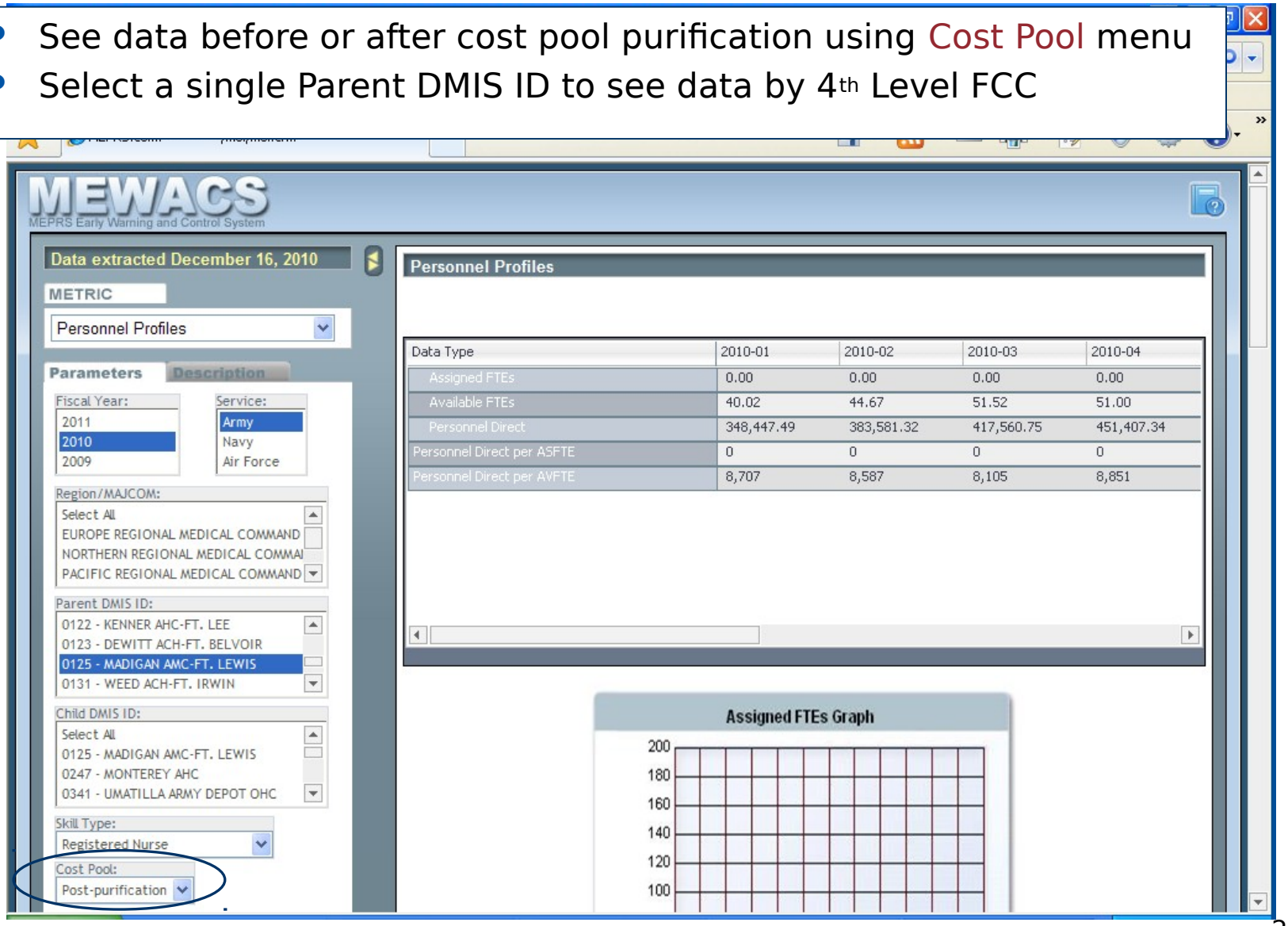
Personnel Profiles

- Staffing and salary data by Skill Type
- Graphical data representations
- Linked to Summary Outliers to facilitate research
- Click icon for outlier guidance

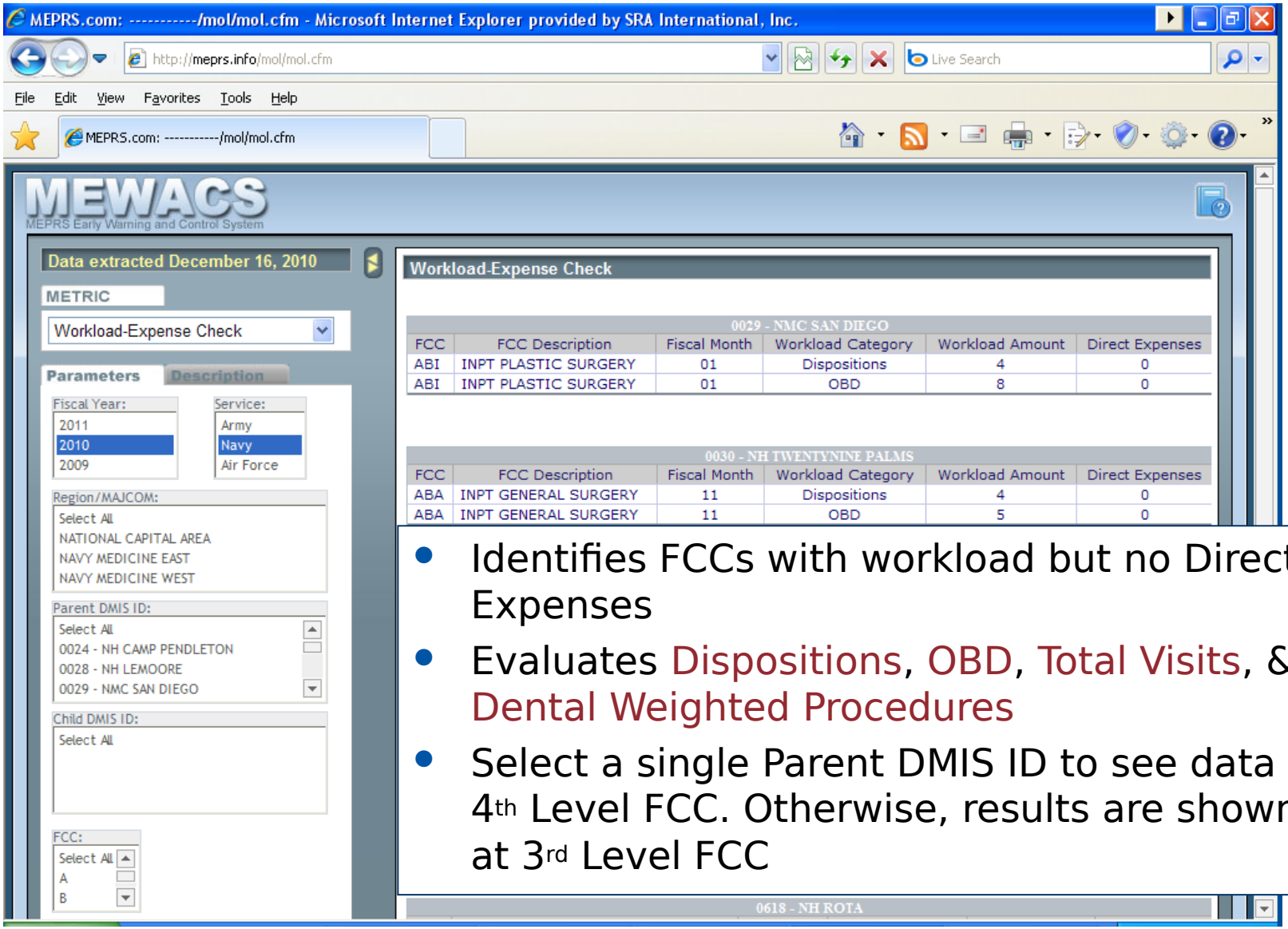


Personnel Profiles

- See data before or after cost pool purification using Cost Pool menu
- Select a single Parent DMIS ID to see data by 4th Level FCC



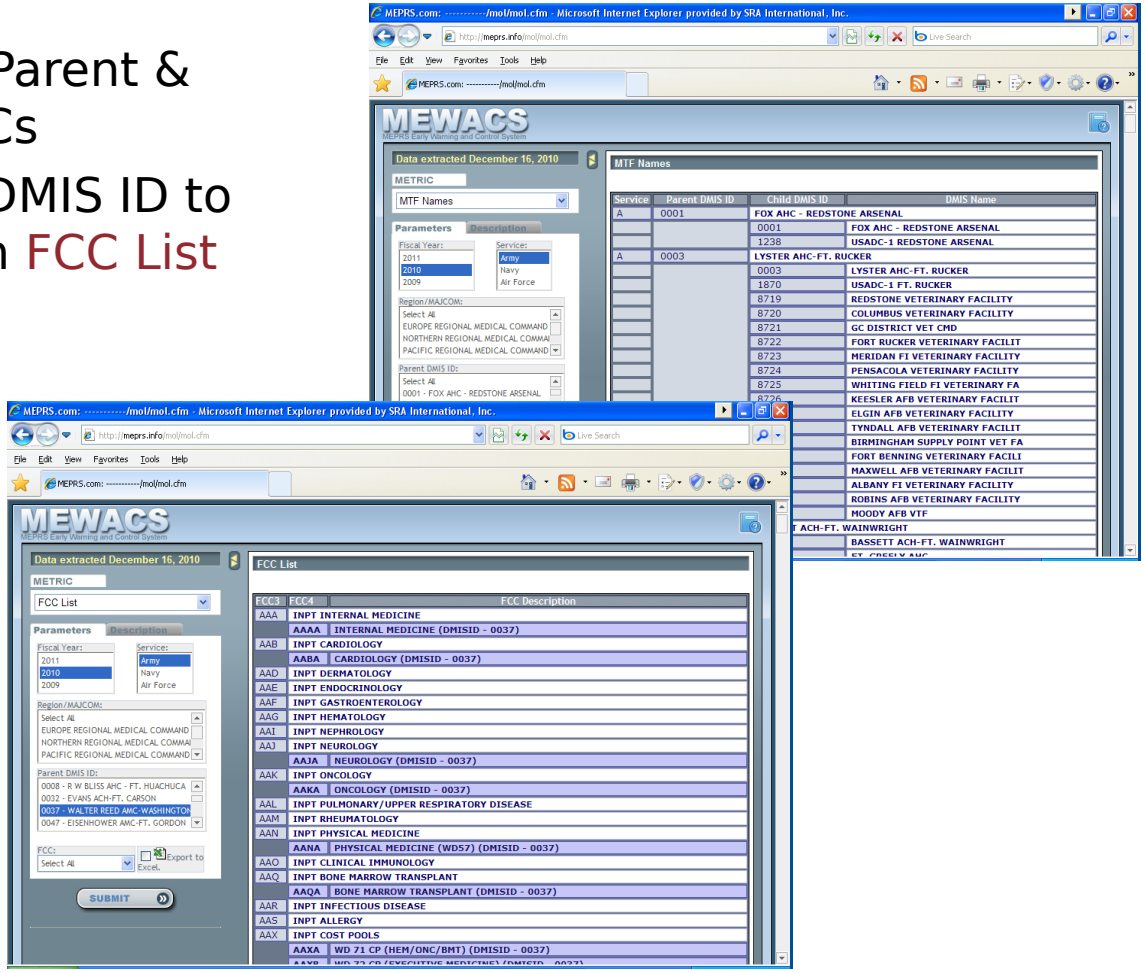
Workload-Expense Check



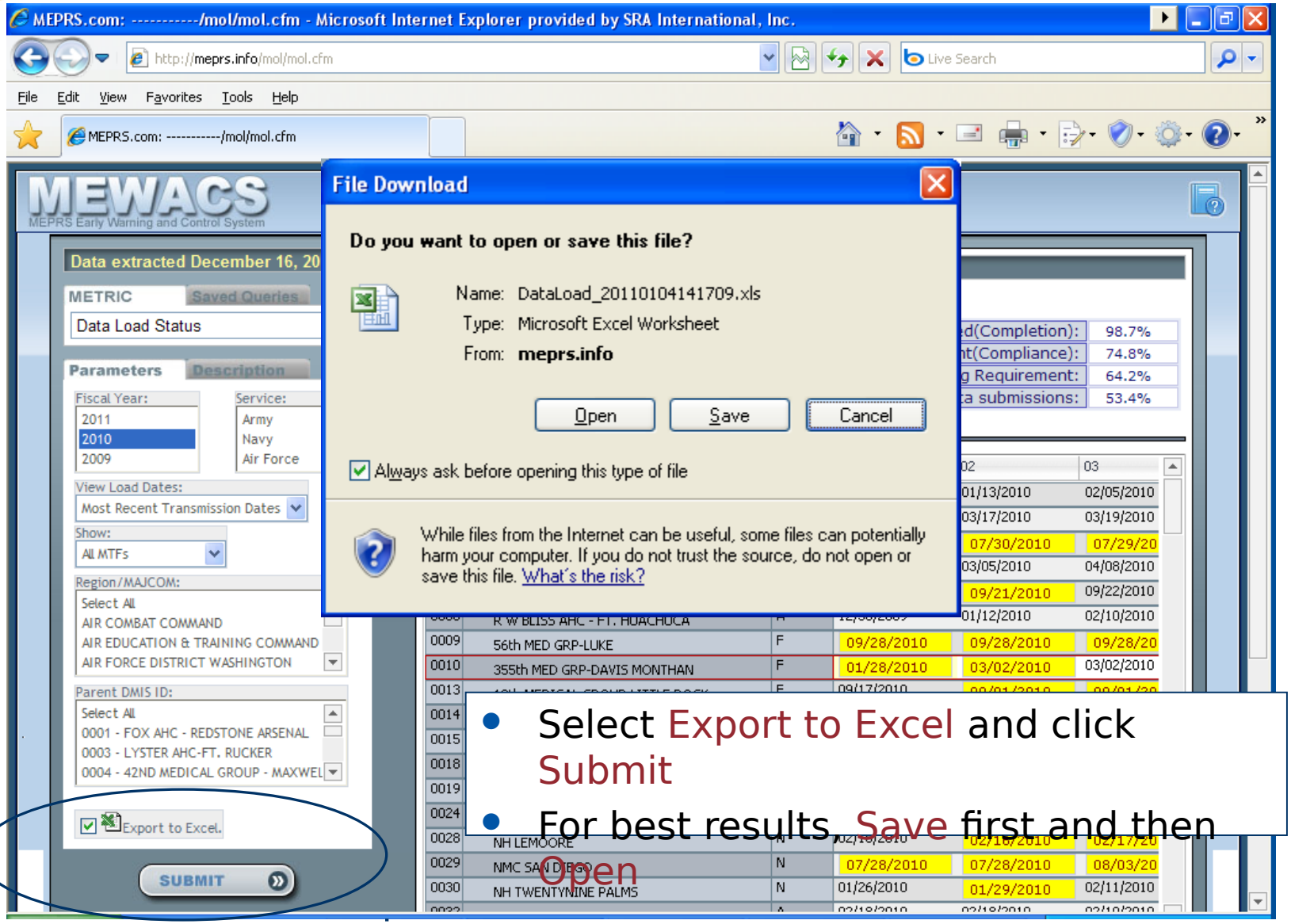
- Identifies FCCs with workload but no Direct Expenses
- Evaluates Dispositions, OBD, Total Visits, & Dental Weighted Procedures
- Select a single Parent DMIS ID to see data by 4th Level FCC. Otherwise, results are shown at 3rd Level FCC

MTF Names & FCC List

- Informational tabs list Parent & Child DMIS IDs and FCCs
- Select a single Parent DMIS ID to see data at 4th Level on FCC List

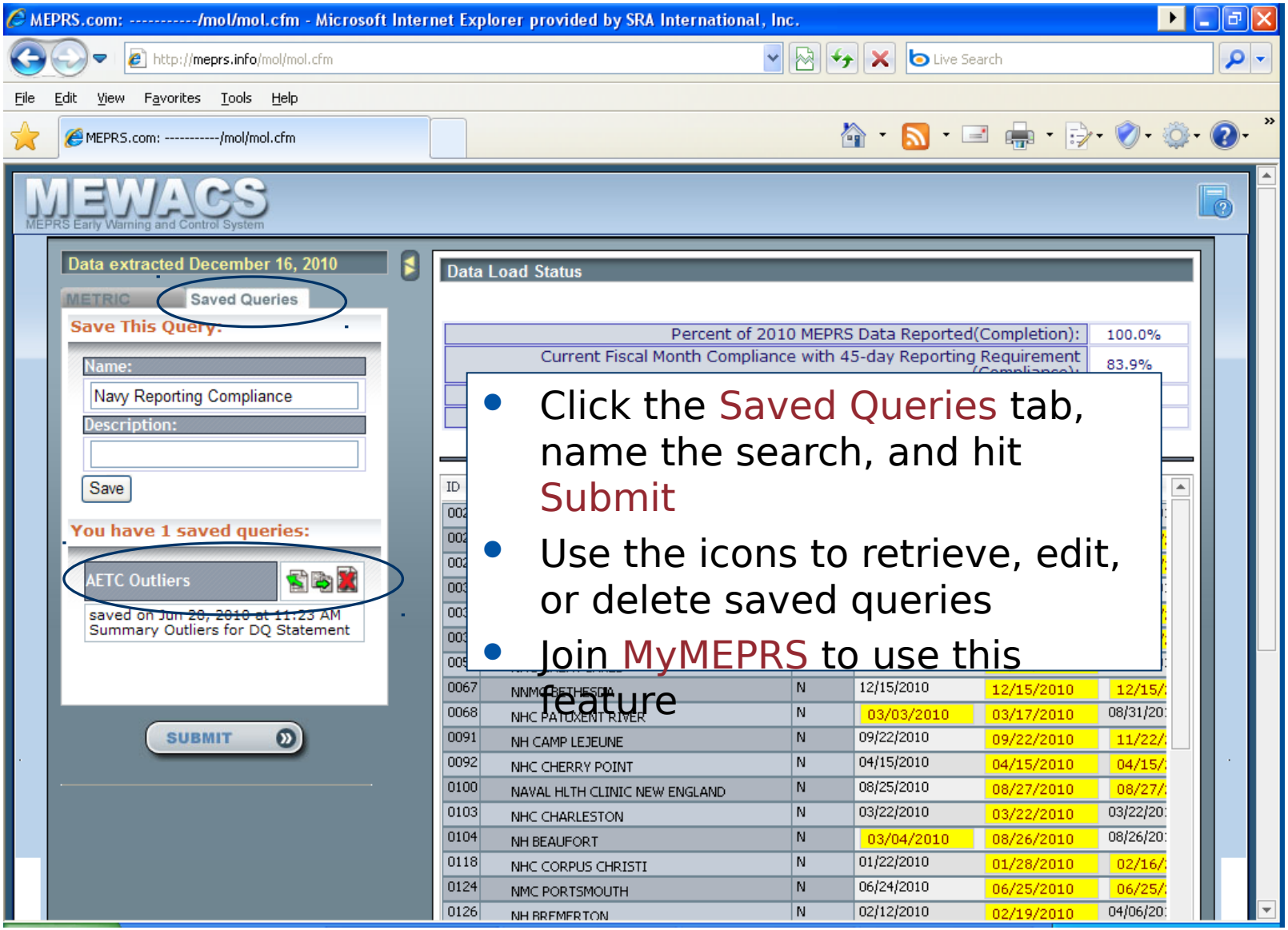


Exporting MEWACS Results



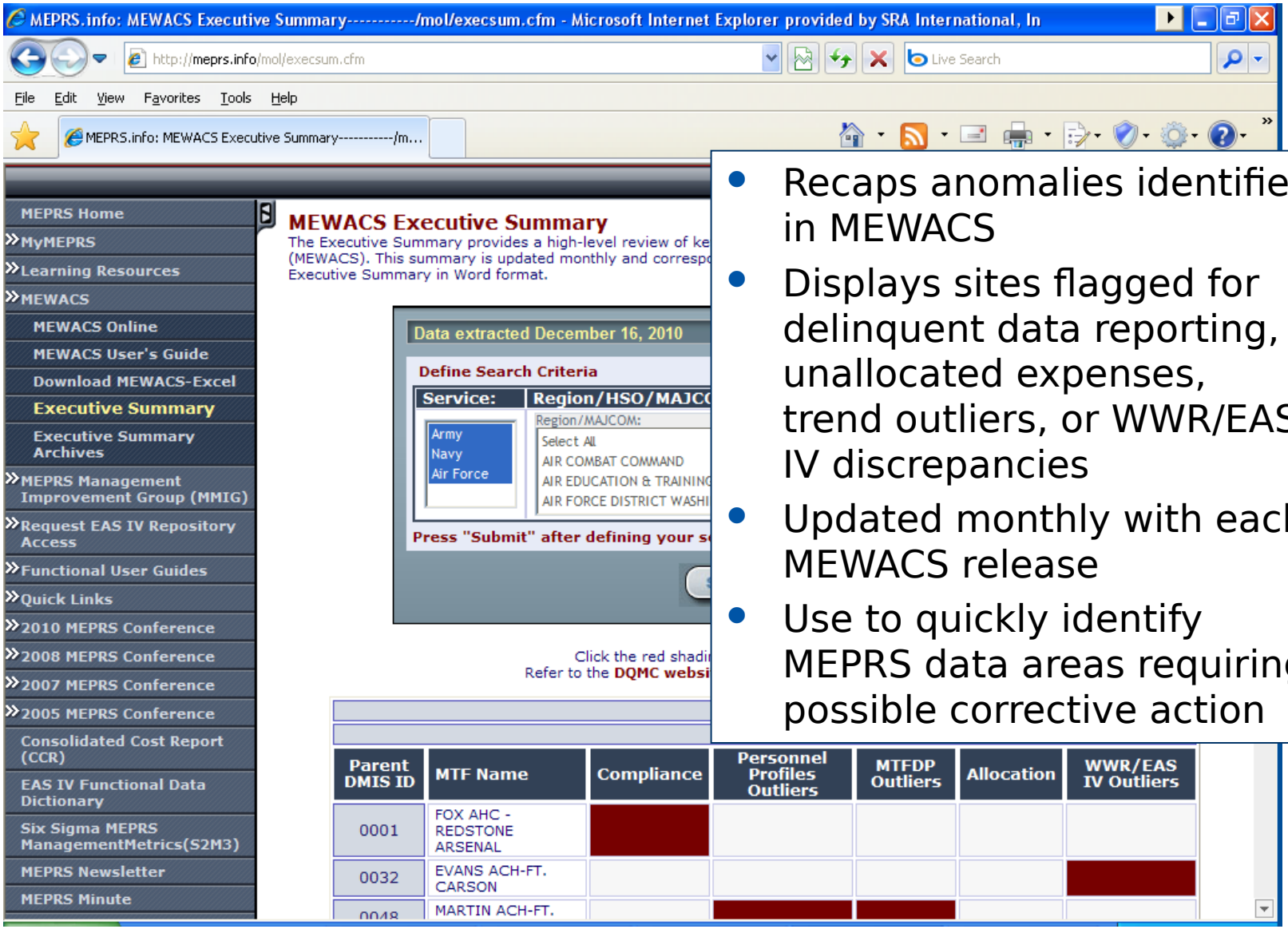
- Select Export to Excel and click Submit
- For best results, Save first and then Open

Saving MEWACS Queries



- Click the Saved Queries tab, name the search, and hit Submit
- Use the icons to retrieve, edit, or delete saved queries
- Join MyMEPRS to use this feature

MEWACS Executive Summary



- Recaps anomalies identified in MEWACS
- Displays sites flagged for delinquent data reporting, unallocated expenses, trend outliers, or WWR/EAS IV discrepancies
- Updated monthly with each MEWACS release
- Use to quickly identify MEPRS data areas requiring possible corrective action

MEPRS Tools: MEWACS

Questions or Comments?